Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 31 Oct 2023 until 23:59 on Wednesday 01 Nov 2023

Forecast Issued on Tuesday 31 Oct 2023 at 01:57

Confidence: High for unsettled, but lower for detail of worst of the conditions.

Headline for Tuesday 31 Oct 2023: Cloudy to overcast with periods of rain, though drier for the afternoon. Strong summit winds initially.

Mountain weather hazards on Tuesday 31 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Cloudy	Fog	Fog
Precipitation probability					
70%	80%	70%	30%	20%	20%

Forecast for Tuesday 31 Oct 2023

Weather: A cloudy to overcast day with occasional rain, most persistent and heavy at times during the morning, before turning drier through the afternoon. Area of moderate to heavy rain developing towards midnight.

Chance of cloud-free hill tops above 600m: 20%

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases quite extensive down to 500m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 31 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/23 E	16/24 E	15/23 NE	13/21 E	13/21 E	12/20 E	13/21 E
300	11/23 E	12/25 E	13/25 E	12/23 E	11/21 E	9/20 E	10/21 E
Valley	11/23 E	13/26 NE	14/27 E	12/23 E	11/22 E	11/24 E	11/25 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	3/-2	3/-2	3/-1	3/-1	3/-1	4/0
300	6/3	6/2	6/2	6/2	5/2	6/2	6/3
Valley	8/4	7/4	7/4	8/4	7/4	7/4	8/4
Freezing Level*	1400m	1500m	1600m	1600m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions for Tuesday with quite extensive hill fog even when turning drier during the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 31 Oct 2023	1.8mm	8.2mm	20.6mm

Forecast for Wednesday 01 Nov 2023

Weather: Unsettled with showers or longer periods of rain which turn heavy at times, bringing the risk of hail and thunder for the afternoon. Best chance of seeing brighter spells during the early to mid-afternoon.

Maximum wind: East to southeast 25 mph with gusts 35 mph. Winds gradually easing and veering from late morning.

Chance of cloud-free hill tops above 600m: 10-20% becoming 40% for a time early to mid-afternoon

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases quite extensive down to 500m, but probably lifting and breaking for a time early to mid-afternoon.

Temperature: **Valleys:** Plus 5 Celsius increasing 13 Celsius for the afternoon
At 600m: Plus 7 Celsius lowering plus 2-3 Celsius by evening
Freezing level: Above all summits

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